

## SEARCH REQUEST FORM

Examiner # (Mandatory): 119941 Requester's Full Name: GEORGE NGUYEN  
Art Unit 3723 Location (Bldg/Room#): CP2 11E04 Phone (circle 305 306 308) 0163  
Serial Number: 08/960,431 Results Format Preferred (circle): PAPER DISK E-MAIL  
Title of Invention UTILITY  
Inventors (please provide full names): SUGIYAMA et al

Earliest Priority Date: 4/13/95

Keywords (include any known synonyms registry numbers, explanation of initialisms):

*Is this application involved in litigation?  
PAT. No. 5,605,499.*

**Search Topic:**

Please write detailed statement of the search topic, and the concept of the invention. Describe as specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc., if known. You may include a copy of the abstract and the broadcast or most relevant claim(s).

*— no reported litigation —*

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Searcher: _____	Type of Search	Vendors (include cost where applicable)
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Clerical Prep Time: _____	<input checked="" type="checkbox"/> Litigation I	_____ In-house sequence systems (list)
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	_____ Other	_____ Westlaw
		_____ Other (specify)

PATNO IS 5605499

*Leys' search*

DATE: JUNE 24, 1999  
LIBRARY: PATENT  
FILE: ALL

Your search request is:  
PATNO IS 5605499

Number of PATENTS found with your search request through:  
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.  
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.  
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 5,605,499, Feb. 25, 1997, Flattening method and flattening apparatus of a semiconductor device, Sugiyama, Misuo, Ayase, Japan Arai, Hatsuyuki, Ayase, Japan, Speedfam Company Limited, Tokyo, Japan (03)

CORE TERMS: cloth, polishing, wafer, flattening, polished, film, layer, insulating, fluff, pad...

LEVEL 1 - 1 OF 1 PATENT

5,605,499

<=2> GET 1st DRAWING SHEET OF 12

Feb. 25, 1997

Flattening method and flattening apparatus of a  
semiconductor device

REISSUE: Reissue Application filed Oct. 29, 1997 (O.G. Sep. 29, 1998) Ex. Gp.:  
3203; Re. S.N. 08/960,431

CORE TERMS: cloth, polishing, wafer, flattening, polished, film, layer,  
insulating, fluff, pad...

5,605,499 OR 5605499

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SS 1 RESULT (1)

SS 2?

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-1- (LEGSTAT)

PATENT NUMBER US 5605499 [US5605499]

DOCUMENT TYPE US-P

ACTION 95.04.13 US/AE-A

APPLICATION DATA (PATENT)

{US 421706/95 [95US-421706] 95.04.13}

ACTION 95.05.30 US/AS02

ASSIGNMENT OF ASSIGNOR'S INTEREST

SPEEDFAM COMPANY LIMITED 30-3, NISHI-ROKUGO 4-CHOME,

OTA-KU TOKYO, JAPAN \* SUGIYAMA, MISUO : 19950510;

ARAI, HATSUYUKI : 19950510

ACTION 97.02.25 US/A

PATENT

ACTION 98.09.29 US/RF

REISSUE APPLICATION FILED

971029

UPDATE 9920

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8	2	US5605893/PN
9	2	US5607993/PN
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13	1	US5605499/PN
14	1	US5605556/PN
15	1	US5605557/PN

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SS 1 RESULT (1)

SS 2?  
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ACCESSION NUMBER	9839-001036
PATENT NUMBER	US5605499
DOCUMENT TYPE	A (UTILITY)
OFFICIAL GAZETTE	98.09.29
CODE	REA
ACTION	REISSUE APPLICATION FILED
SUBJECT HEADING	REISSUE APPLICATION FILED



File 345:Inpadoc/Fam.& Legal Stat 1999/UD=9924  
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Set	Items	Description
S1	1	PN=US 5605499

1/9/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat  
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12748585

Basic Patent (No,Kind,Date): JP 7297195 A2 951110 <No. of Patents: 002>

PATENT FAMILY:

JAPAN (JP)

Patent (No,Kind,Date): JP 7297195 A2 951110  
METHOD AND APPARATUS FOR FLATTENING SEMICONDUCTOR DEVICE (English)  
Patent Assignee: SPEEDFAM CO LTD  
Author (Inventor): SUGIYAMA MISUO; ARAI HATSUYUKI  
Priority (No,Kind,Date): JP 94112091 A 940427  
Applic (No,Kind,Date): JP 94112091 A 940427  
IPC: \* H01L-021/3205; B24B-001/00; B24B-037/04; H01L-021/304  
CA Abstract No: ; 124(14)191352C  
Derwent WPI Acc No: ; C 96-025435  
Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5605499 A 970225  
FLATTENING METHOD AND FLATTENING APPARATUS OF A SEMICONDUCTOR DEVICE  
(English)  
Patent Assignee: SPEEDFAM COMPANY LIMITED (JP)  
Author (Inventor): SUGIYAMA MISUO (JP); ARAI HATSUYUKI (JP)  
Priority (No,Kind,Date): JP 94112091 A 940427  
Applic (No,Kind,Date): US 421706 A 950413  
National Class: \* 451443000; 451041000  
IPC: \* B24B-021/18  
CA Abstract No: \* 124(14)191352C  
Derwent WPI Acc No: \* C 96-025435  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):

US 5605499	P	940427	US AA	PRIORITY (PATENT)
			JP 94112091	A 940427
US 5605499	P	950413	US AE	APPLICATION DATA (PATENT)
			(APPL. DATA (PATENT))	
			US 421706	A 950413
US 5605499	P	950530	US AS02	ASSIGNMENT OF ASSIGNOR'S
			INTEREST	
			SPEEDFAM COMPANY LIMITED 30-3, NISHI-ROKUGO	
			4-CHOME, OTA-KU TOKYO, JAPAN ; SUGIYAMA,	
			MISUO : 19950510; ARAI, HATSUYUKI : 19950510	
US 5605499	P	970225	US A	PATENT
US 5605499	P	980929	US RF	REISSUE APPLICATION FILED
			(REISSUE APPL. FILED)	
			971029	